

Appendix A
Marked-Up Version of Changes

5 1. (Amended) A liquid crystal display (LCD) panel having a variable white
balance, comprising:
an LCD screen;
a first light source having a first color spectrum;
a second light source having a second color spectrum;
10 an optical path directing said first light source and said second light source
onto said LCD screen; [and]

a control circuit for adjusting the relative intensity of said first and second
light source wherein said first light source and said second light source are mixed
in the optical path thereby creating a white balanced spectrum;

15 a sensor for detecting the ambient light color spectrum; and
a feedback control circuit connected to the control circuit wherein the
feedback control circuit adjusts the relative light intensity of the first and second
light sources to compensate for changes in ambient light color spectrum changes.

20 9. (Amended) [The]An electronic device [of claim 7], [further] comprising:

a sensor for detecting the ambient light color spectrum;

a liquid crystal display (LCD) panel having a variable white balance,
including,

an LCD screen,

25 a first light source having a first color spectrum,

a second light source having a second color spectrum,

an optical path directing said first light source and said second light
source onto said LCD screen, and

30 a control circuit for adjusting the relative intensity of said first and
second light source wherein said first light source and said second light source
are mixed in the optical path thereby creating a white balanced spectrum; and

a feedback control circuit connected to the control circuit wherein the
feedback control circuit adjusts the relative light intensity of the first and second
light sources to compensate for changes in ambient light color spectrum changes.

10. (Amended) An electronic device, comprising:

an liquid crystal display screen;

a first light source having a first color spectrum;

5 a second light source having a second color spectrum;

an optical path directing the first and second light sources onto the liquid crystal display screen;

a sensor for detecting the ambient light color spectrum; and

a control circuit including a feedback control circuit connected to the sensor

10 for adjusting the relative intensity of said first and second light source to compensate for changes in ambient light color spectrum changes wherein said first light source and said second light source are mixed in the optical path thereby creating a white balanced spectrum.

15 11. (Amended) A method for adjusting the white balance on a liquid crystal display (LCD), comprising the steps of:

detecting the ambient light color spectrum;

illuminating the LCD with a first light source having a first color spectrum;

illuminating the LCD with a second light source having a second color

20 spectrum; and

adjusting the relative intensity of the first and second light sources to compensate for changes in ambient light color spectrum changes thereby mixing said first and second color spectrums to create a white balanced spectrum.